

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I (we) hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe that I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METAL TRANSISTOR DEVICE

the specification of which (check one)

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as  
United States Application Number or PCT International Application Number: \_\_\_\_\_;

☐ was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referenced to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Not Claimed	Certified Copy Filed	
				Yes	No
Application No.	Country	Day/Month/Year filed			
Application No.	Country	Day/Month/Year filed			
Application No.	Country	Day/Month/Year filed			

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/441,931	January 22, 2003
Application Number	Filing Date
60/477,983	June 12, 2003
Application Number	Filing Date

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or under 35 U.S.C. §365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No.	Filing date	Status: patented, pending, abandoned
Application No.	Filing date	Status: patented, pending, abandoned
Application No.	Filing date	Status: patented, pending, abandoned

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) associated with **Bowditch & Dewey, LLP, 161 Worcester Road, P.O. Box 9320, Framingham, Massachusetts, 01701-9320, Customer No.: 30407** to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute this application or an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states and transact all business in the United States Patent and Trademark Office connected therewith:


Please send correspondence to: **Customer Number 30407**  
**Bowditch & Dewey, LLP**  
**161 Worcester Road**  
**P.O. Box 9320**  
**Framingham, MA 01701-9320**

Please send correspondence to: Thomas O. Hoover, Esq.

Direct telephone calls to: Thomas O. Hoover Telephone No.: 508-879-5700

Direct facsimiles to: Thomas O. Hoover Facsimile No.: 508-929-3073

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Signature	<i>Dean Z Tsang</i>	<i>January 22, 2004</i> Date:
Full name of sole or first Inventor	Dean Z. Tsang	
Residence Address	26 Beacon Street, #34F	
	Burlington, MA 01803-3811	
Citizenship	United States of America	
Mailing Address	Same as above	

STATEMENT CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) & 1.27(b)) – INDEPENDENT INVENTOR

DOCKET NUMBER. 302798.3001-101

Prior Docket No.:

Applicant or Patentee: Dean Z. Tsang  
Application or Patent No. \_\_\_\_\_  
Filed or Issued: January 22, 2004  
For: Metal Transistor Device

As a below name inventor, I hereby state that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in:

- ☒ the specification filed herewith with title as listed above.  
☐ the application identified above.  
☐ the patent identified above.

I have not assigned, granted, conveyed, or licensed, and am under no obligation under contract or law to assign, grant, convey, or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR(d) or a nonprofit organization under 37 CFR 1.9(e)

Each person, concern, or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☒ no such person, concern, or organization exists.  
☐ each such person, concern, or organization is listed below.

Separate statements are required from each named person, concern, or organization having rights to the invention stating their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

Dean Z. Tsang  
NAME OF INVENTOR

Dean Z. Tsang  
Signature of Inventor

January 22, 2004  
Date